

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041519\
 Data File : BF113772.D
 Acq On : 15 Apr 2019 19:36
 Operator : JU/SJ
 Sample : K2390-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 15 23:09:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

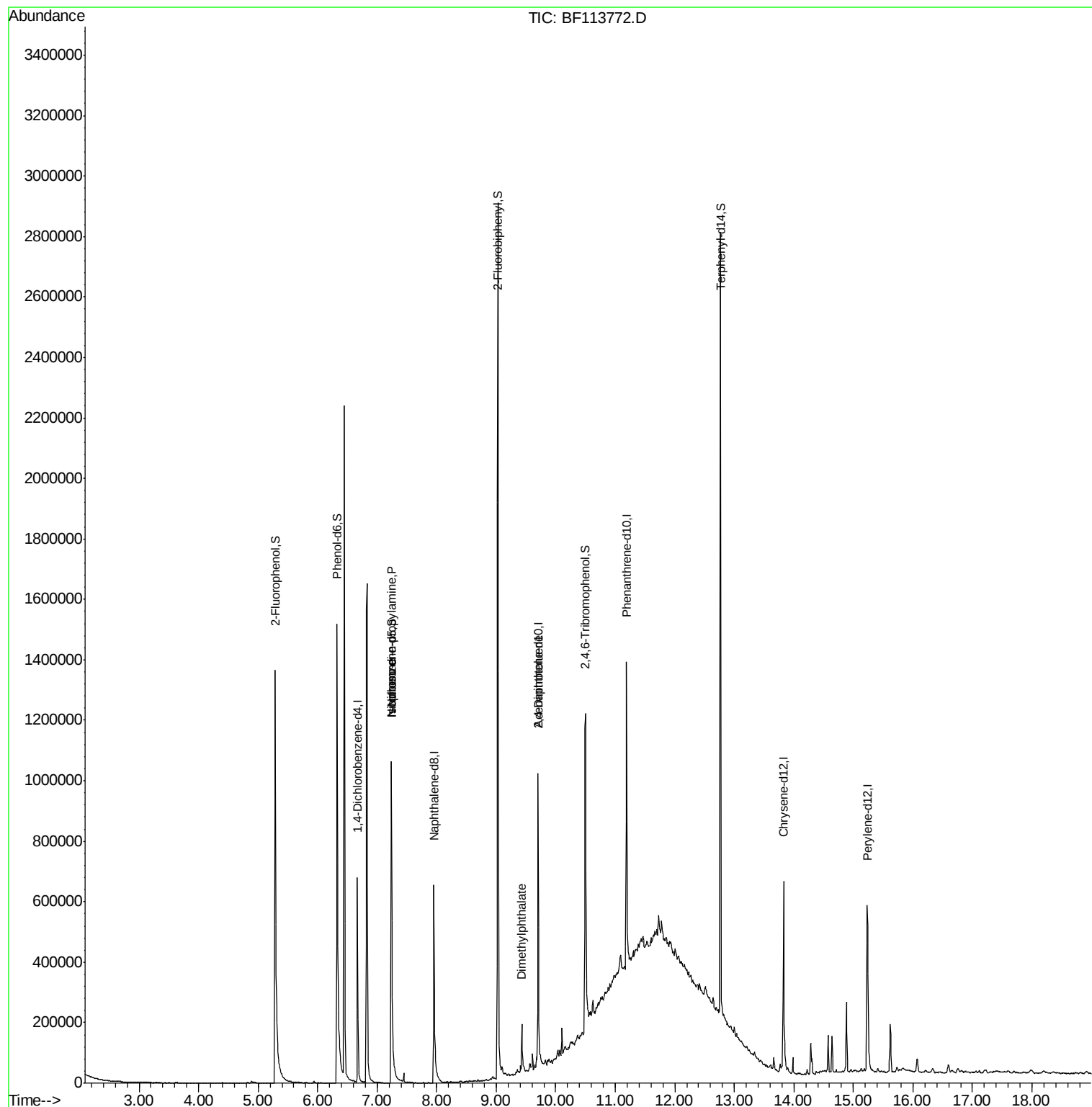
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	117576	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	444934	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	215110	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	414542	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	274255	20.00	ng	-0.02
87) Perylene-d12	15.23	264	302287	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	621161	90.09	ng	-0.01
7) Phenol-d6	6.33	99	827235	97.34	ng	-0.01
23) Nitrobenzene-d5	7.24	82	480478	63.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	201489	77.98	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	969001	72.52	ng	-0.02
79) Terphenyl-d14	12.77	244	976703	72.51	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	59743	11.401	ng	# 74
25) Isophorone	7.24	82	480476	32.836	ng	# 64
50) Dimethylphthalate	9.43	163	91854	5.793	ng	98
57) 2,4-Dinitrotoluene	9.70	165	27084	6.407	ng	# 24

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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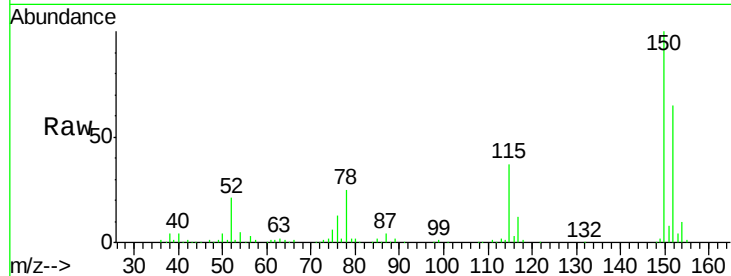


#1

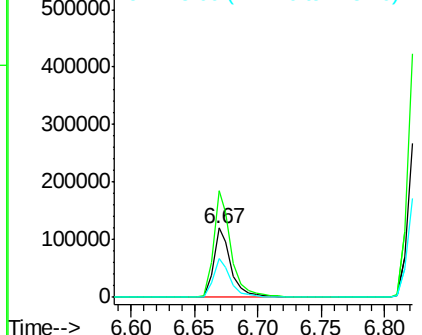
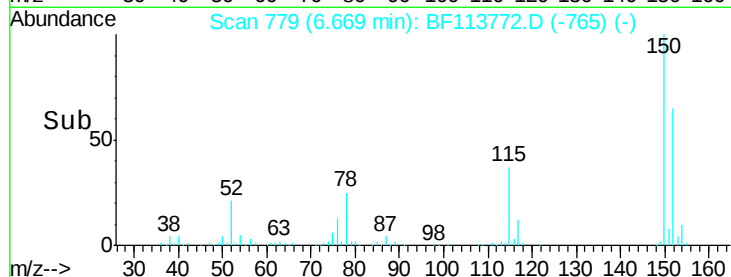
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113772.D
Acq: 15 Apr 2019 19:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117576
Ion Ratio Lower Upper
152 100
150 154.3 124.7 187.1
115 56.8 46.0 69.0



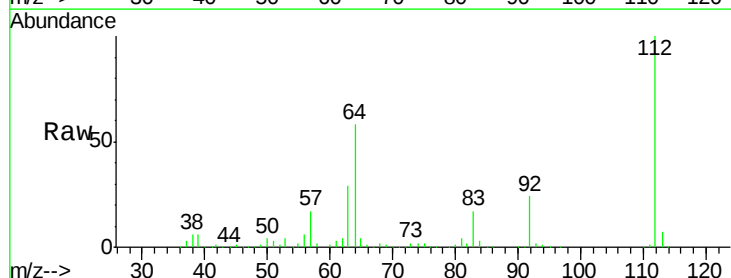
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



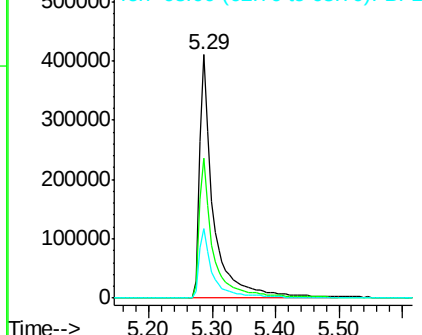
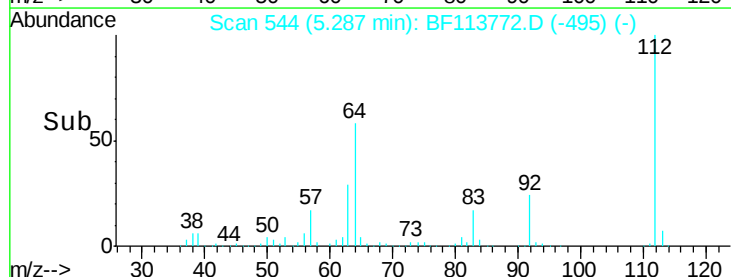
#5

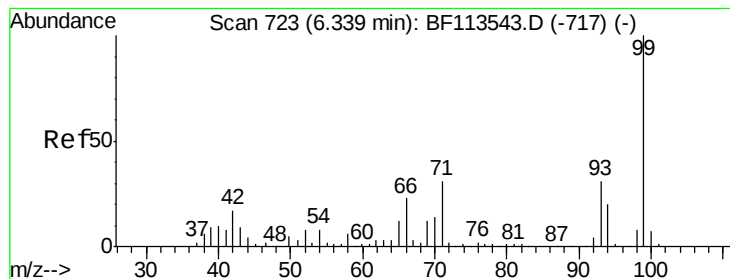
2-Fluorophenol
Concen: 90.088 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113772.D
Acq: 15 Apr 2019 19:36

Tgt Ion:112 Resp: 621161
Ion Ratio Lower Upper
112 100
64 57.6 49.2 73.8
63 28.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.343 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113772.D

Acq: 15 Apr 2019 19:36

Instrument :

BNA_F

ClientSampled :

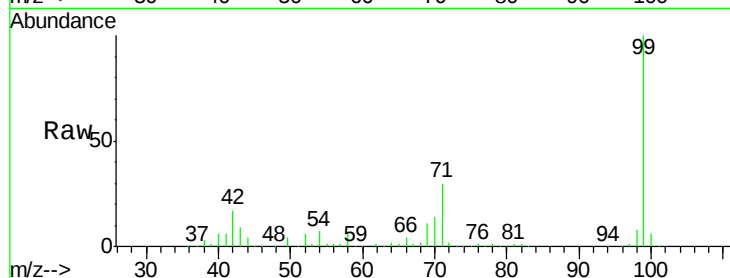
Tot Ion: 99 Resp: 827235

Ion Ratio Lower Upper

99 100

42 16.7 14.8 22.2

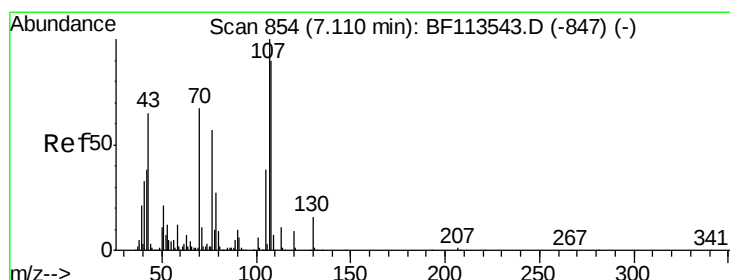
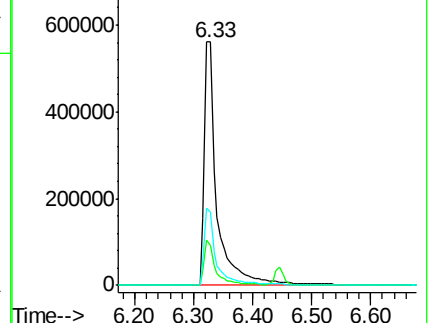
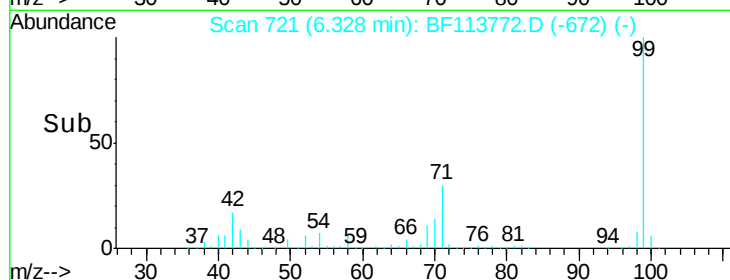
71 29.9 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.401 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113772.D

Acq: 15 Apr 2019 19:36

Tgt Ion: 70 Resp: 59743

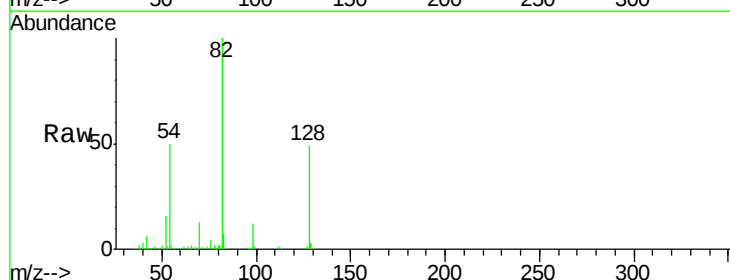
Ion Ratio Lower Upper

70 100

42 46.2 48.4 72.6#

101 0.0 7.8 11.8#

130 2.1 18.2 27.4#

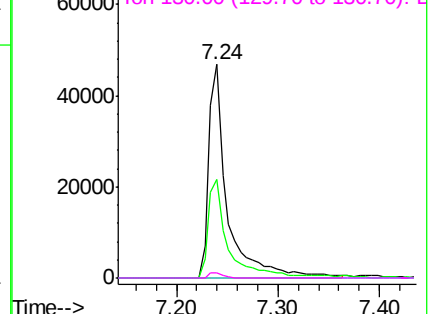
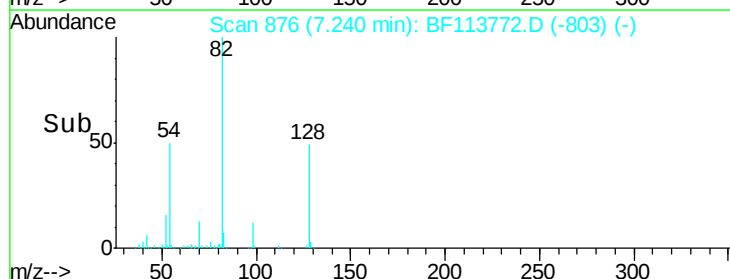


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF113772.D

Acq: 15 Apr 2019 19:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 444934

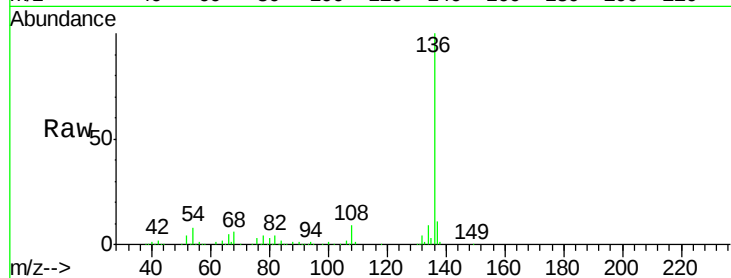
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.5 7.0 10.6

68 6.1 4.8 7.2

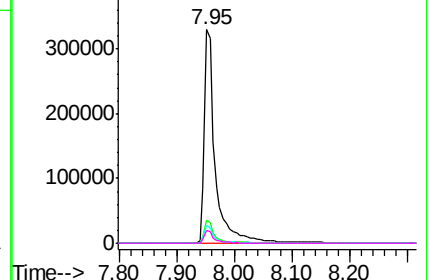
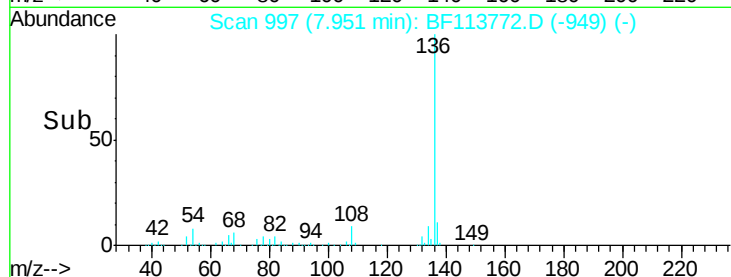


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 63.255 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113772.D

Acq: 15 Apr 2019 19:36

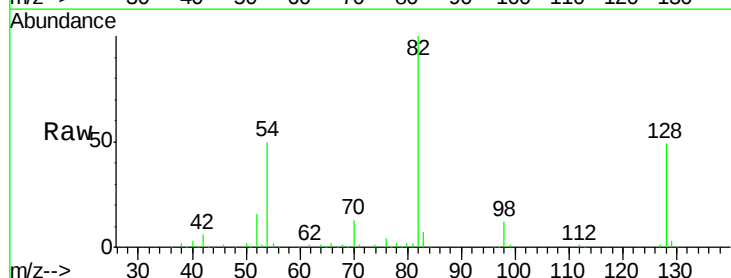
Tgt Ion: 82 Resp: 480478

Ion Ratio Lower Upper

82 100

128 49.0 36.5 54.7

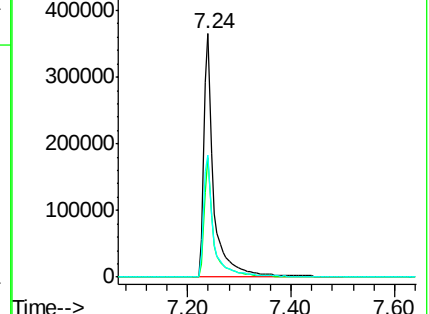
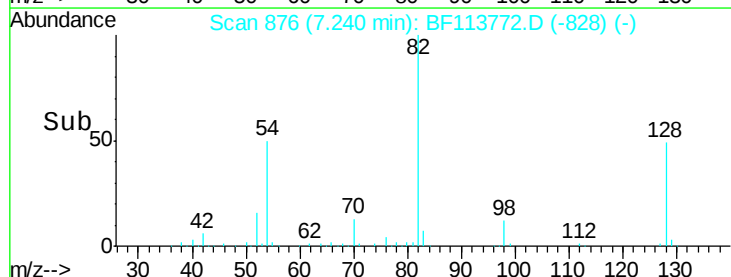
54 50.3 42.2 63.2

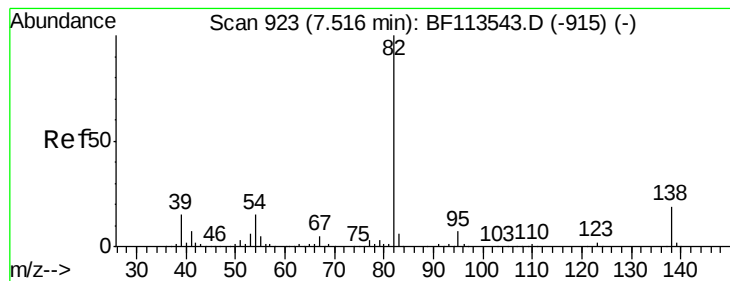


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.836 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113772.D

Acq: 15 Apr 2019 19:36

Instrument :

BNA_F

ClientSampled :

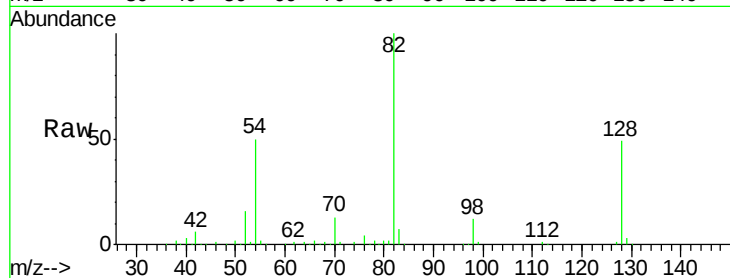
Tot Ion: 82 Resp: 480476

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

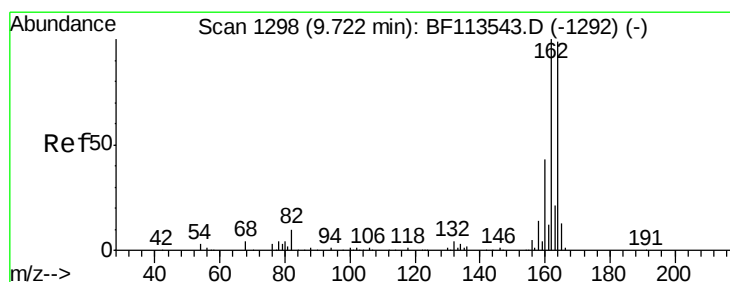
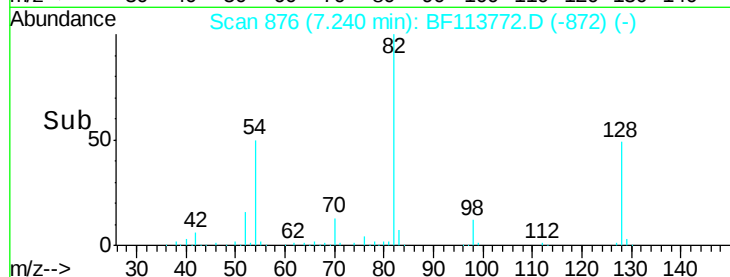
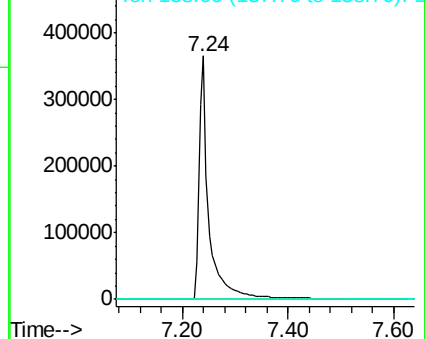
138 0.0 15.2 22.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113772.D

Acq: 15 Apr 2019 19:36

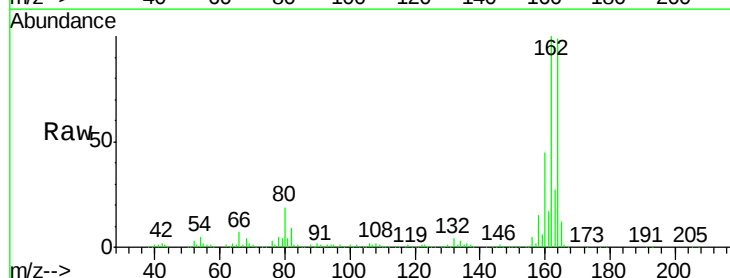
Tgt Ion: 164 Resp: 215110

Ion Ratio Lower Upper

164 100

162 101.4 81.8 122.6

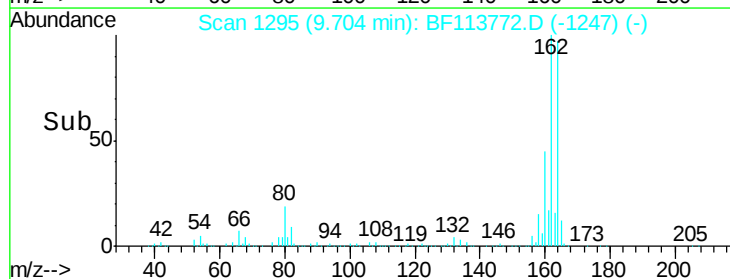
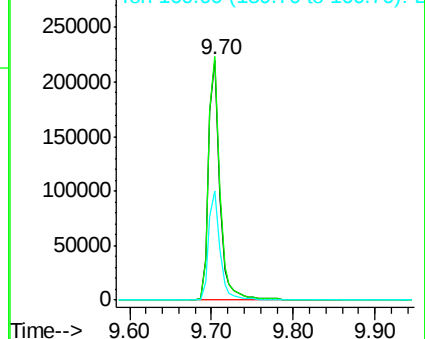
160 45.4 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

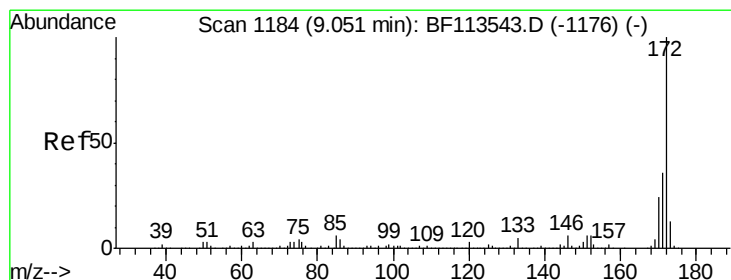
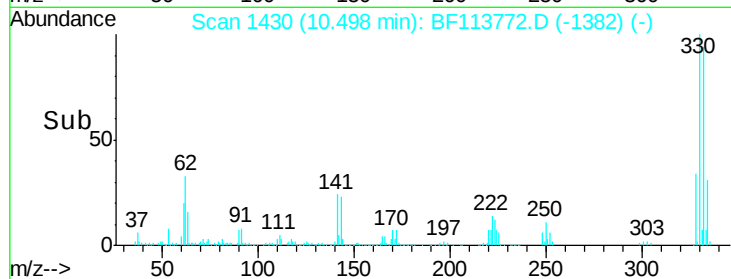
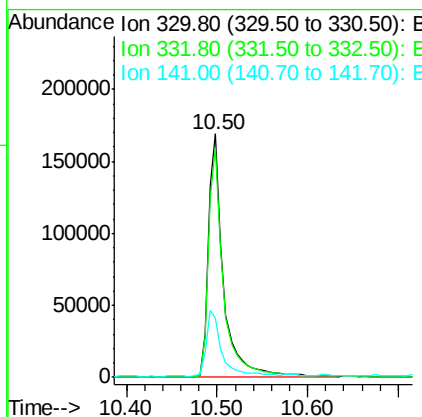
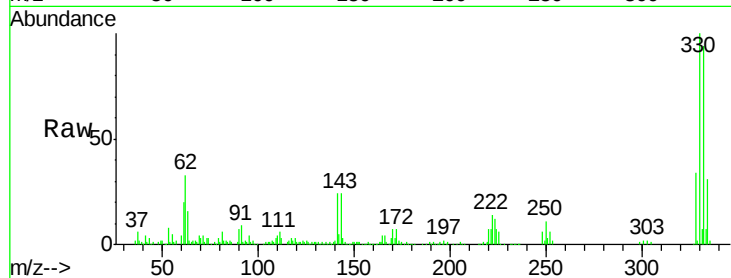




#42
 2,4,6-Tribromophenol
 Concen: 77.976 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113772.D
 Acq: 15 Apr 2019 19:36

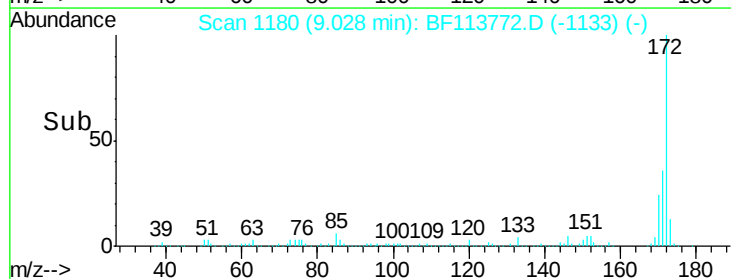
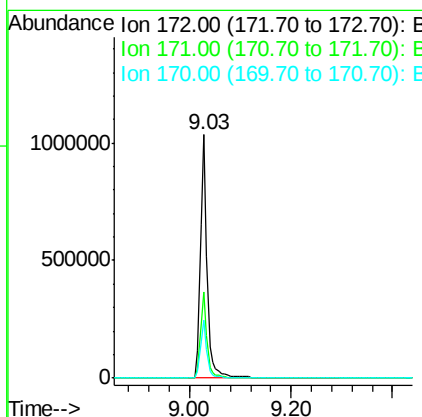
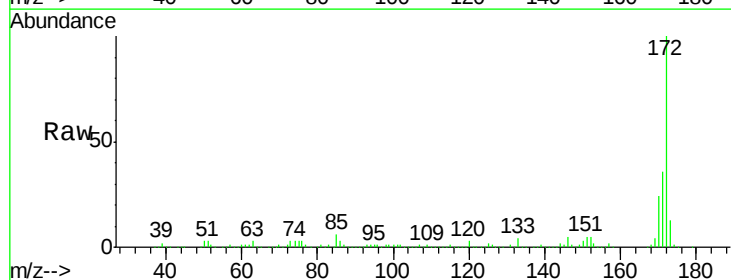
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.6
141	27.5	22.7	34.1



#45
 2-Fluorobiphenyl
 Concen: 72.520 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113772.D
 Acq: 15 Apr 2019 19:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.8	19.5	29.3





#50

Dimethylphthalate

Concen: 5.793 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113772.D

Acq: 15 Apr 2019 19:36

Instrument :

BNA_F

ClientSampleId :

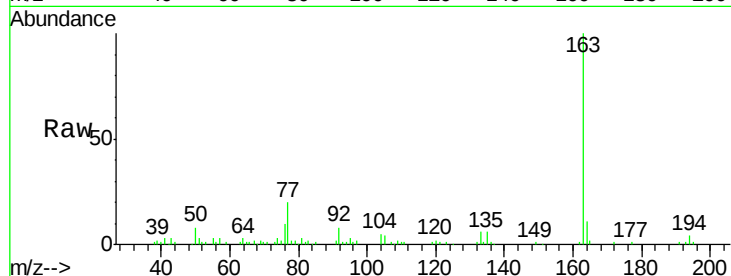
Tot Ion:163 Resp: 91854

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

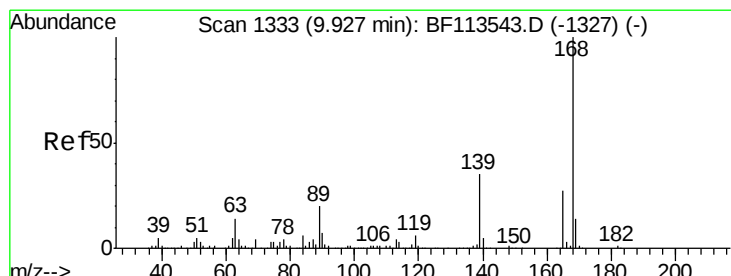
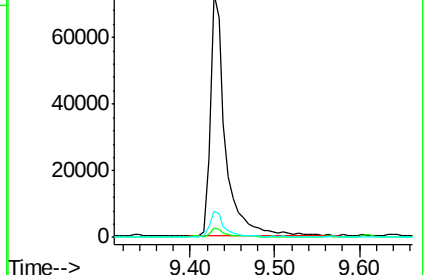
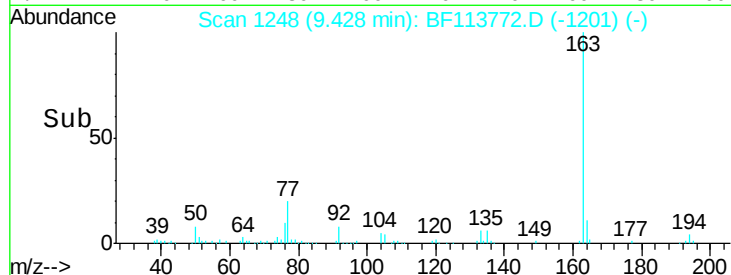
164 10.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.407 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.22 min

Lab File: BF113772.D

Acq: 15 Apr 2019 19:36

Tgt Ion:165 Resp: 27084

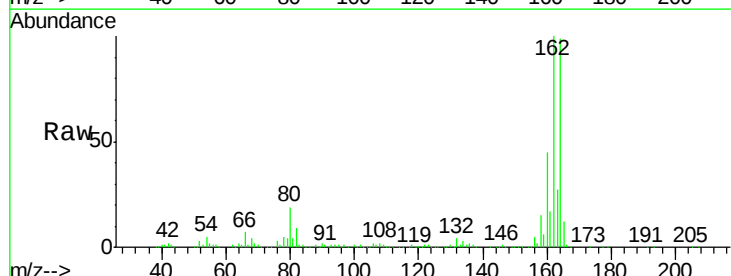
Ion Ratio Lower Upper

165 100

63 1.8 37.5 56.3#

89 1.4 57.4 86.2#

182 0.0 2.0 3.0#

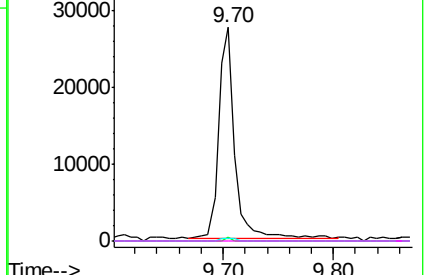
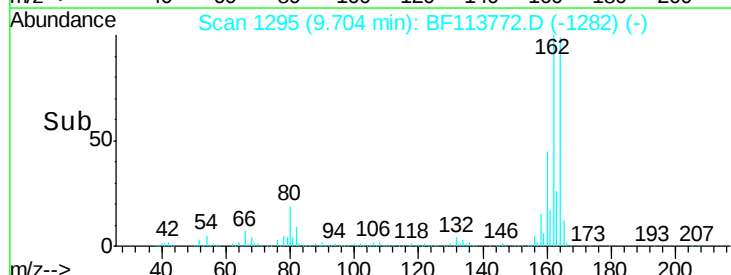


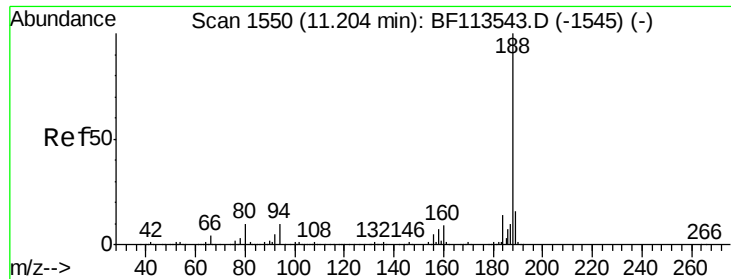
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

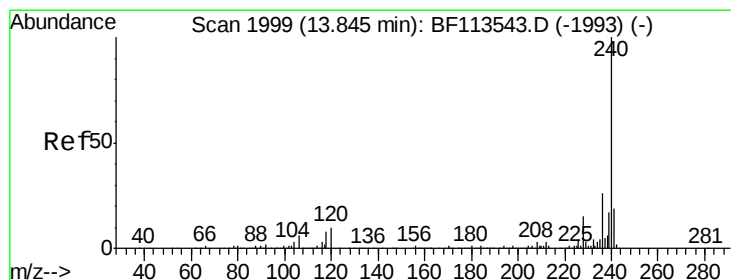
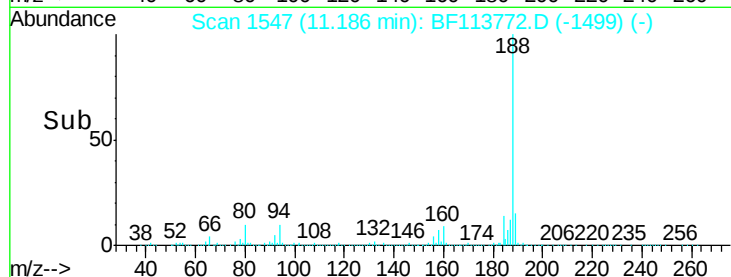
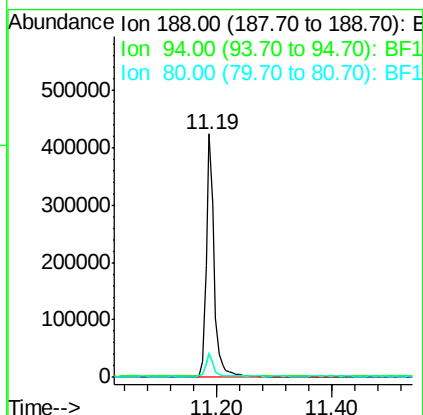
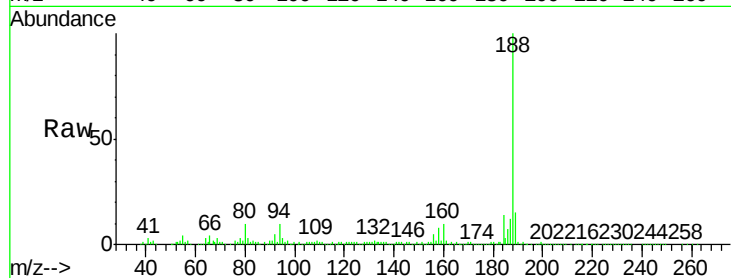




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113772.D
Acq: 15 Apr 2019 19:36

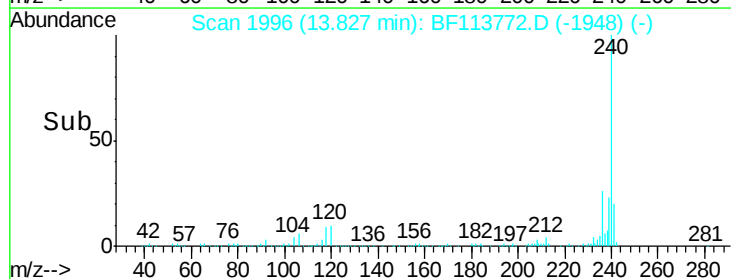
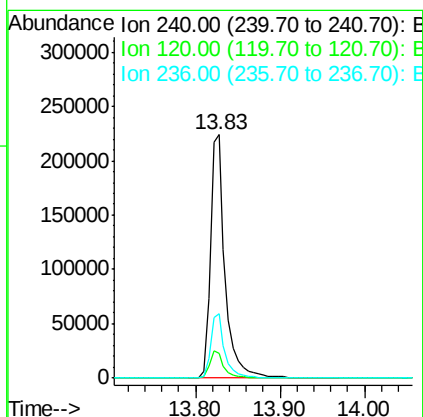
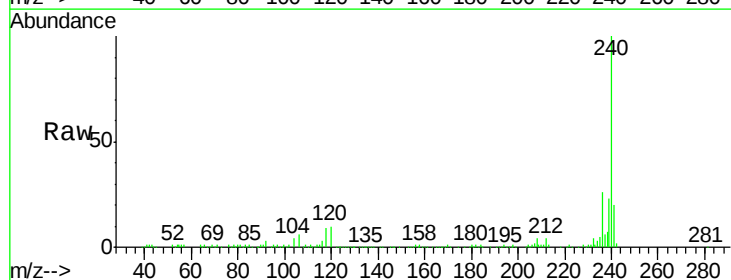
Instrument :
BNA_F
ClientSampled :

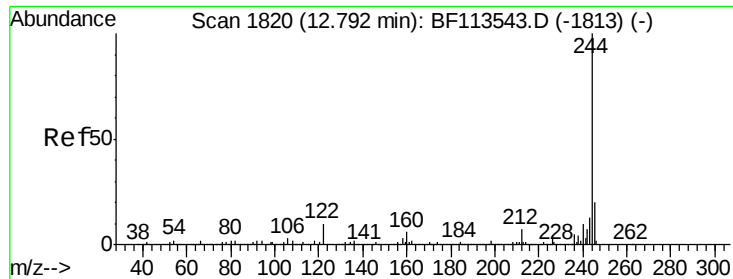
Tot Ion:188 Resp: 414542
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113772.D
Acq: 15 Apr 2019 19:36

Tgt Ion:240 Resp: 274255
Ion Ratio Lower Upper
240 100
120 9.9 8.8 13.2
236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 72.509 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113772.D

Acq: 15 Apr 2019 19:36

Instrument :

BNA_F

ClientSampleId :

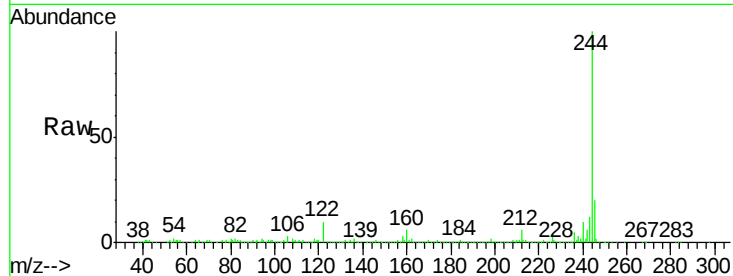
Tot Ion:244 Resp: 976703

Ion Ratio Lower Upper

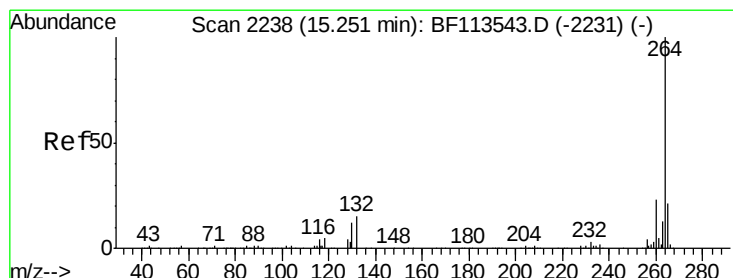
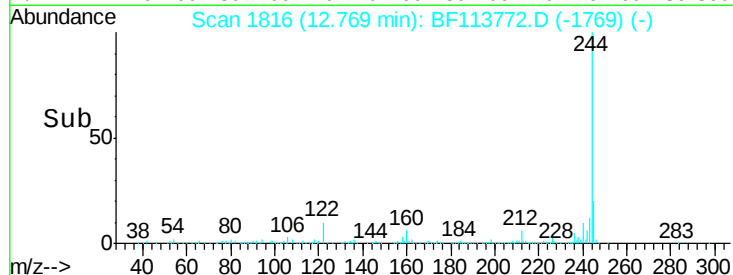
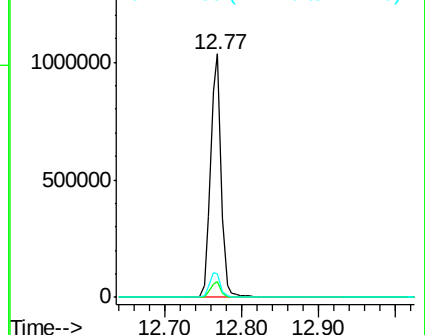
244 100

212 6.2 5.5 8.3

122 9.7 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113772.D

Acq: 15 Apr 2019 19:36

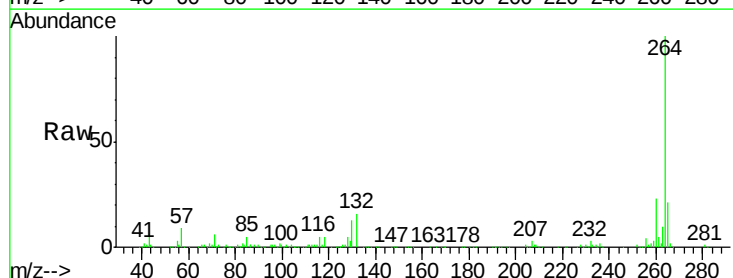
Tgt Ion:264 Resp: 302287

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.4 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

